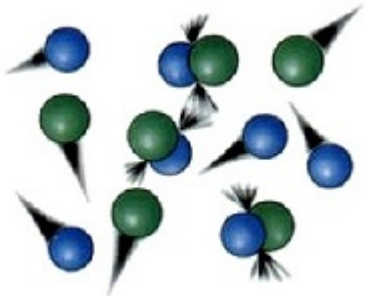
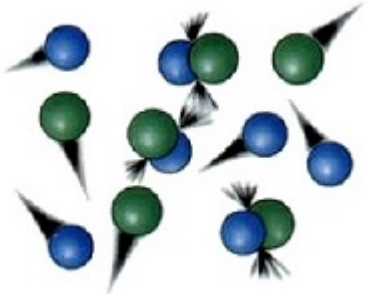
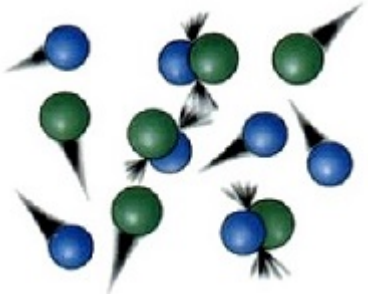
Since we are concerned with reactions primarily in the study of chemistry, we are interested in how fast (or slow) they occur and how to control these timescales. The field of kinetics is the field that explore this aspect of chemistry and is the "non-equilibration" aspect to the troika of thermodynamics, equilbria and electrochemistry. All are connected as discussed in the following chapters.



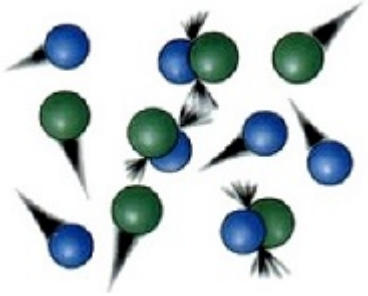
- 1: Introduction to Reaction Kinetics



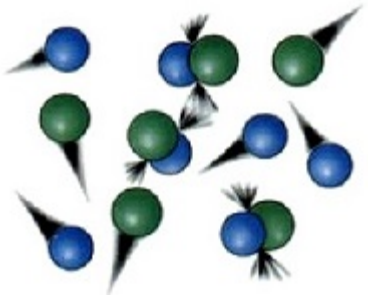
- 2: Reaction Rates



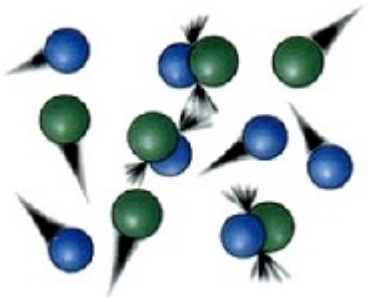
- 3: Rate Laws



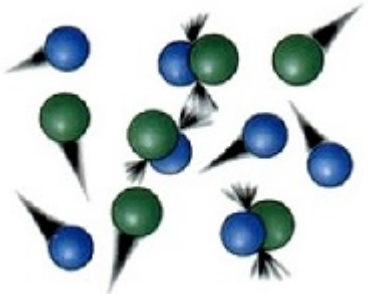
- 4: Reaction Mechanisms



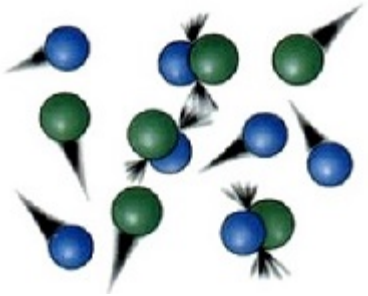
5: Experimental Methods



- 6: Modeling Reaction Kinetics



- 7: Case Studies- Kinetics



- 8: Review of Chemical Kinetics
- No image available9: Diffusion
- No image available10: Using logarithms - Log vs. Ln